

# FIG. 2

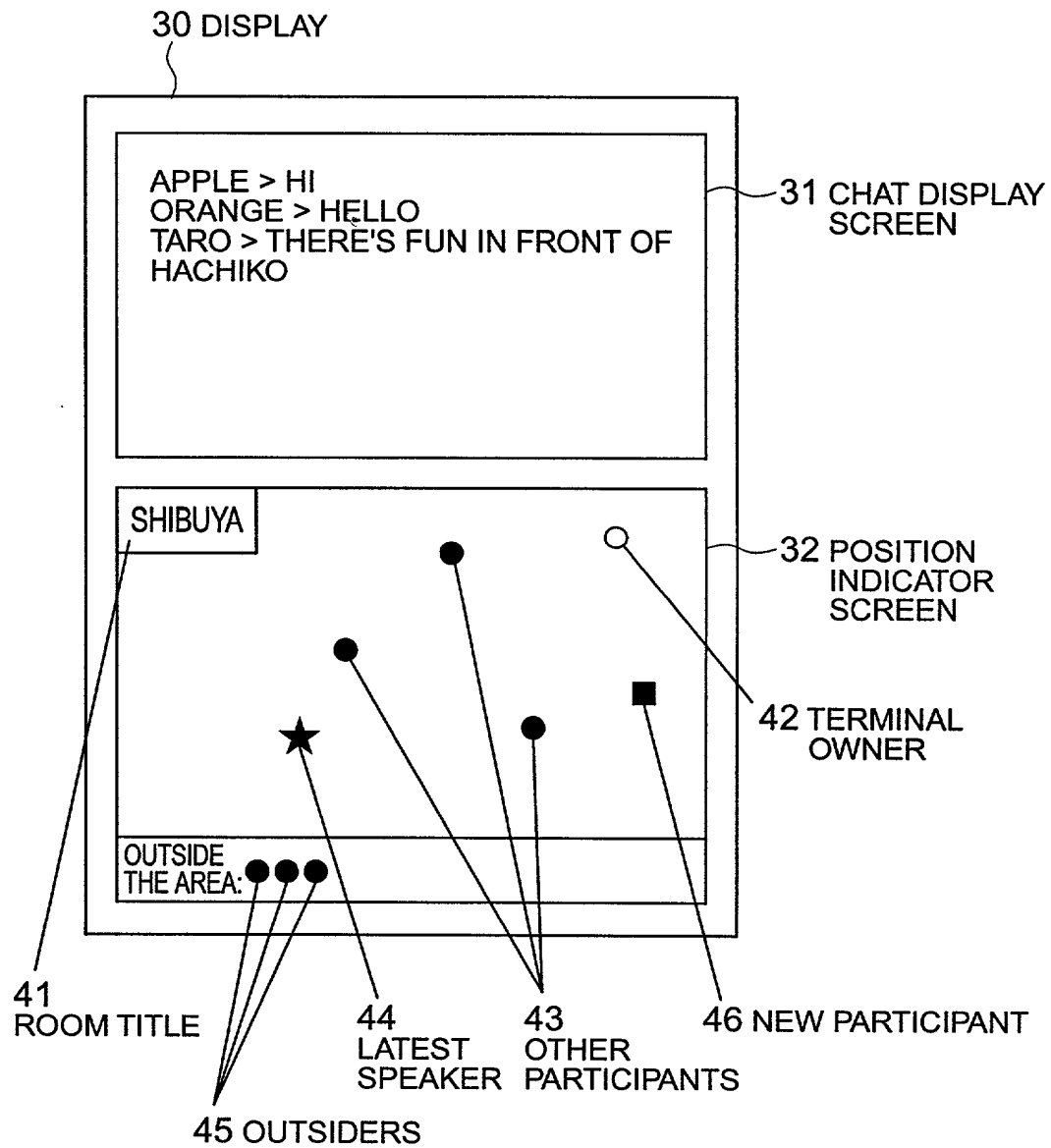
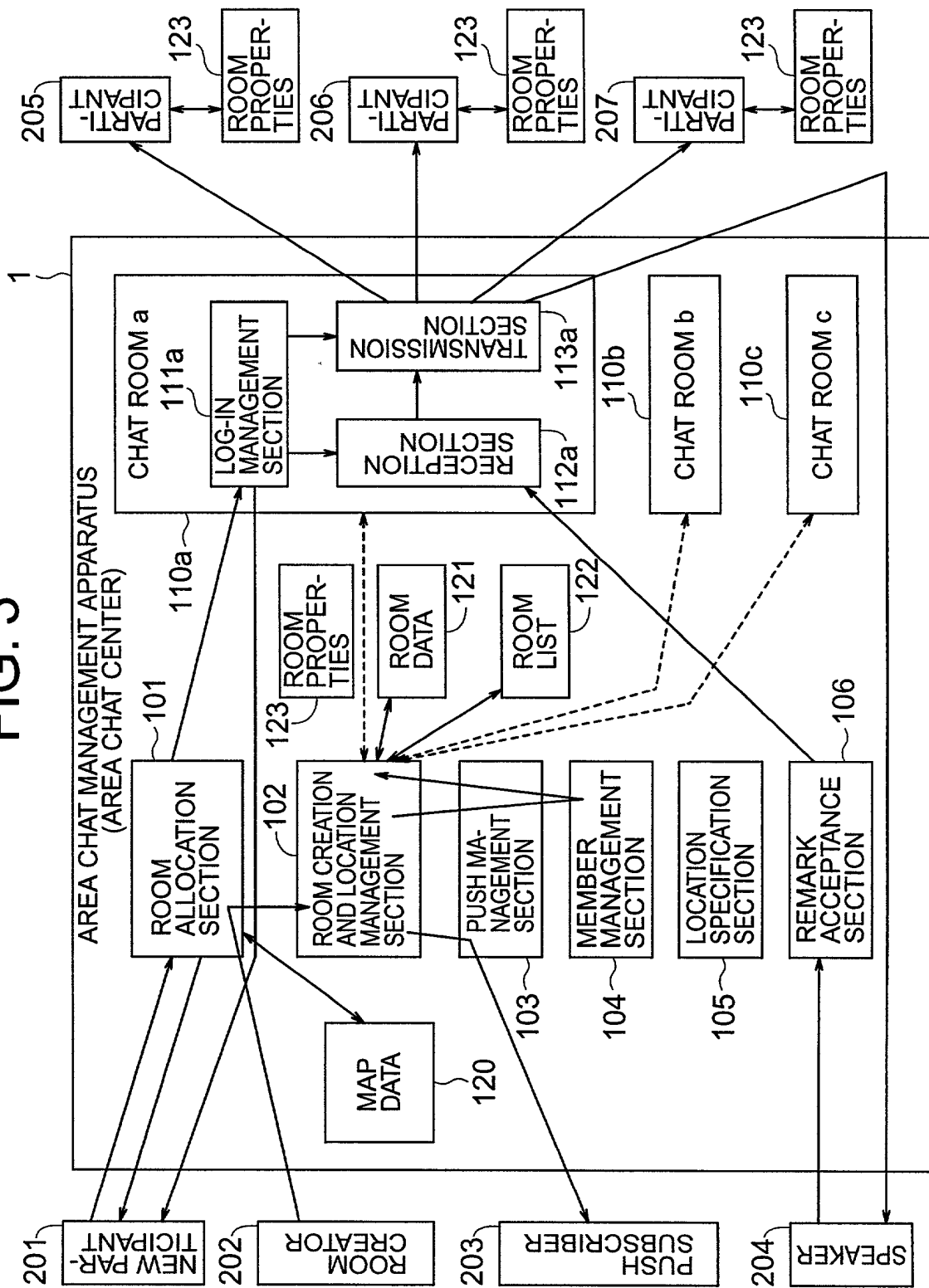


FIG. 3



# FIG. 4

121

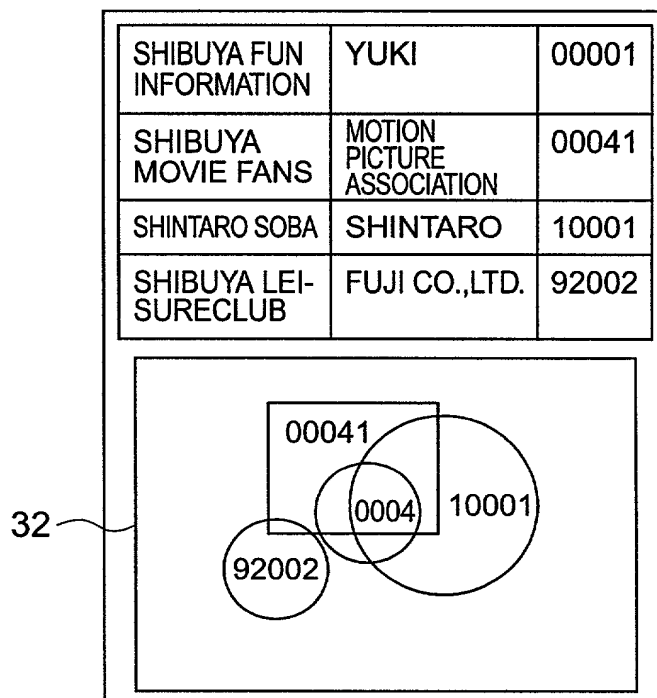
ITEM NAME	MEANING	EXAMPLE
ROOM ID	IDENTIFICATION NUMBER UNIQUE WITHIN SYSTEM	00001
ROOM TITLE	NAME OF ROOM	SHIBUYA FUN INFORMATION
ROOM LOCATION	LATITUDE, LONGITUDE, AND ALTITUDE OF ROOM'S CENTER; RADIUS OF A CIRCLE OR DISTANCE FROM CENTER TO VERTEX OF SQUARE	N35:42:00 E139:42:00 H5m 2-KM-RADIUS CIRCLE
OWNER ID	CELL PHONE NUMBER OF ROOM CREATOR	09012345678
OWNER NICKNAME	NICKNAME OF ROOM CREATOR	TAKA
SHOW/HIDE OWNER LOCATION	WHETHER TO MAKE LOCATION OF ROOM CREATOR PUBLIC	SHOW
MESSAGE	FIRST MESSAGE TO BE CONVEYED TO ROOM ENTRANT	WELCOME! THIS IS A CHAT ROOM WHERE YOU CAN DISCUSS ANY INTERESTING TOPIC ABOUT SHIBUYA

# FIG. 5A

122

ROOM TITLE	OWNER NICKNAME	ROOM LOCATION	ROOM ID
SHIBUYA FUN INFORMATION	YUKI	N35:42:00 E139:42:01 H5m 2-KM-RADIUS CIRCLE	00001
SHIBUYA MOVIE FANS	MOTION PICTURE ASSOCIATION	N35:42:10 E139:42:01 H6m 4-KM-DIAGONAL SQUARE	00041
SHINTARO SOBA	SHINTARO	N35:42:09 E139:42:02 H5m 4-KM-RADIUS CIRCLE	10001
SHIBUYA LEISURE CLUB	FUJI CO., LTD.	N35:43:56 E139:41:01 H4m 2-KM-DIAGONAL SQUARE	92002

# FIG. 5B



# FIG. 6

123

ITEM NAME	MEANING	EXAMPLE
ROOM ID	IDENTIFICATION NUMBER UNIQUE WITHIN SYSTEM	00001
ROOM TITLE	NAME OF ROOM	SHIBUYA FUN INFORMATION
ROOM LOCATION	LATITUDE, LONGITUDE, AND ALTITUDE OF ROOM'S CENTER; RADIUS OF A CIRCLE OR DISTANCE FROM CENTER TO VERTEX OF SQUARE	N35:42:00 E139:42:00 H5m 2-KM-RADIUS CIRCLE
ID OF PARTICIPANT 1	CELL PHONE NUMBER OF PARTICIPANT 1	09012345678
LOCATION INFORMATION OF PARTICIPANT 1	LATITUDE, LONGITUDE, AND ALTITUDE OF PARTICIPANT 1	N35:42:00 E139:42:00 H5m
LATEST UPDATE TIME OF PARTICIPANT 1	LATEST UPDATE TIME OF LOCATION INFORMATION OF PARTICIPANT 1	2001/03/25 13:00:02
ID OF PARTICIPANT 2	CELL PHONE NUMBER OF PARTICIPANT 2	09098765432
LOCATION INFORMATION OF PARTICIPANT 2	LATITUDE, LONGITUDE, AND ALTITUDE OF PARTICIPANT 2	N35:42:00 E139:42:02 H3m
LATEST UPDATE TIME OF PARTICIPANT 2	LATEST UPDATE TIME OF LOCATION INFORMATION OF PARTICIPANT 2	2001/03/25 13:10:02
⋮	⋮	⋮
ID OF PARTICIPANT N	CELL PHONE NUMBER OF PARTICIPANT N	09099999999
LOCATION INFORMATION OF PARTICIPANT N	LATITUDE, LONGITUDE, AND ALTITUDE OF PARTICIPANT N	N35:42:00 E139:42:01 H6m
LATEST UPDATE TIME OF PARTICIPANT N	LATEST UPDATE TIME OF LOCATION INFORMATION OF PARTICIPANT N	2001/03/25 13:12:02

# FIG. 7

130

ITEM NAME	MEANING	EXAMPLE
PROCESS CATEGORY	CLASSIFICATION INTO NOVEL ENTRANCE, REMARK, EXIT, OR LOCATION UPDATE	NOVEL ENTRANCE
ROOM ID	ROOM ID OF ROOM WHICH UNDERGOES GIVEN PROCESS	00001
PARTICIPANT ID	CELL PHONE NUMBER OF USER WHO UNDERGOES GIVEN PROCESS	09012345678
LOCATION INFORMATION	LATITUDE, LONGITUDE, AND ALTITUDE OF USER WHO UNDERGOES GIVEN PROCESS	N35:42:00 E139:42:00 H5m
NICKNAME	NICKNAME OF USER WHO UNDERGOES GIVEN PROCESS	APPLE
REMARK	MESSAGE OF USER WHO UNDERGOES GIVEN PROCESS	HI

FIG. 8

131

ITEM NAME	MEANING	EXAMPLE
PROCESS CATEGORY	CLASSIFICATION INTO NOVEL ENTRANCE, REMARK, EXIT, OR LOCATION UPDATE	REMARK
ROOM ID	ROOM ID OF ROOM WHICH UNDERGOES GIVEN PROCESS	00001
PARTICIPANT ID	CELL PHONE NUMBER OF USER WHO UNDERGOES GIVEN PROCESS	09012345678
LOCATION INFORMATION	LATITUDE, LONGITUDE, AND ALTITUDE OF USER WHO UNDERGOES GIVEN PROCESS	N35:42:00 E139:42:00 H5m
NICKNAME	NICKNAME OF USER WHO UNDERGOES GIVEN PROCESS	TARO
REMARK	MESSAGE OF USER WHO UNDERGOES GIVEN PROCESS	THERE'S FUN IN FRONT OF HACHIKO

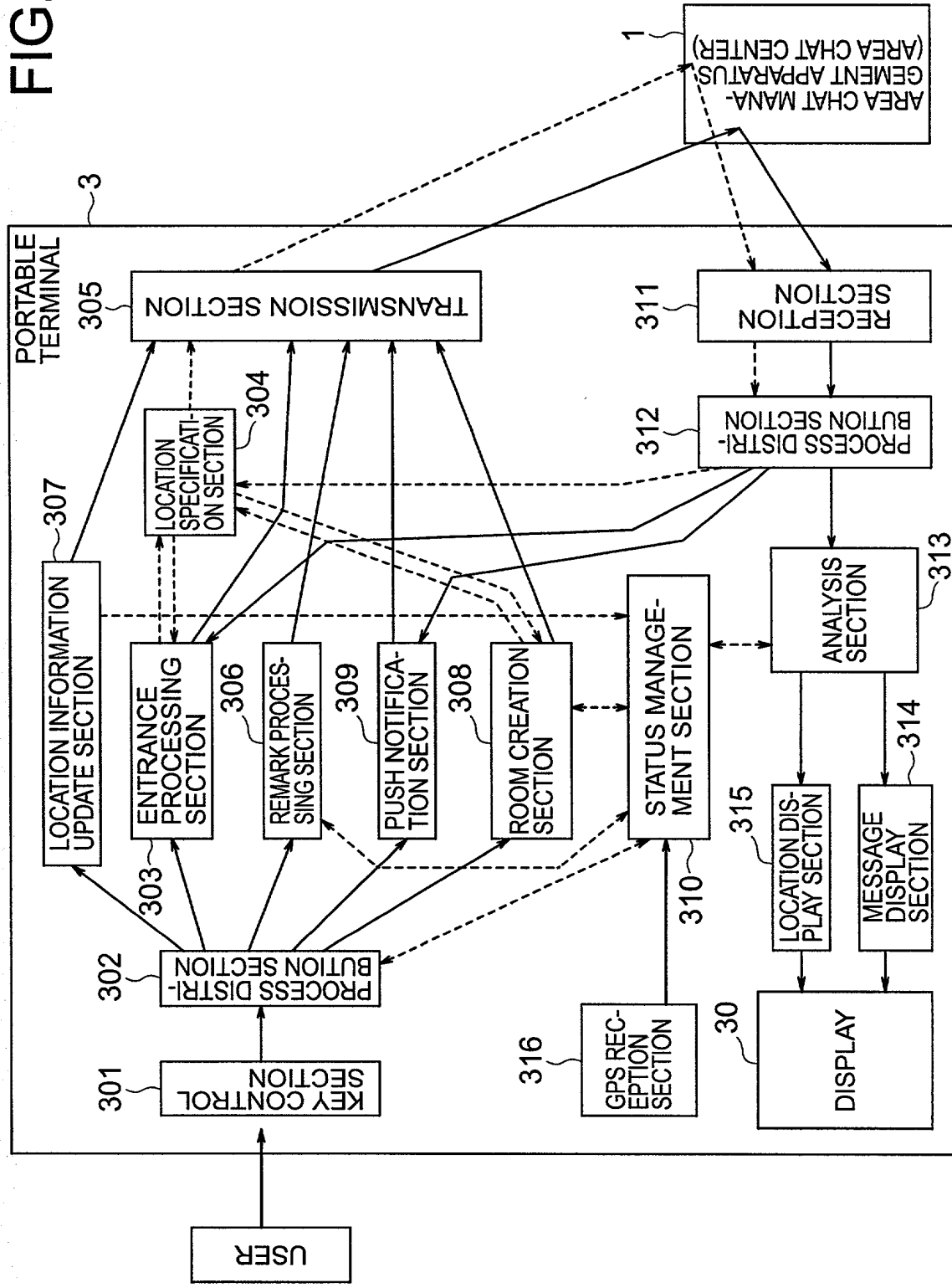


FIG. 9

132

ITEM NAME	MEANING	EXAMPLE
PROCESS CATEGORY	CLASSIFICATION INTO NOVEL ENTRANCE, REMARK, EXIT, OR LOCATION UPDATE	EXIT
ROOM ID	ROOM ID OF ROOM WHICH UNDERGOES GIVEN PROCESS	00001
PARTICIPANT ID	CELL PHONE NUMBER OF USER WHO UNDERGOES GIVEN PROCESS	09012345678
LOCATION INFORMATION	LATITUDE, LONGITUDE, AND ALTITUDE OF USER WHO UNDERGOES GIVEN PROCESS	
NICKNAME	NICKNAME OF USER WHO UNDERGOES GIVEN PROCESS	
MESSAGE	MESSAGE OF USER WHO UNDERGOES GIVEN PROCESS	

FIG. 10



# FIG. 11

320

ITEM NAME	MEANING	EXAMPLE
PROCESS CATEGORY	CLASSIFICATION INTO NOVEL ENTRANCE, REMARK, EXIT, OR LOCATION UPDATE	LOCATION UPDATE
ROOM ID	ROOM ID OF ROOM WHICH UNDERGOES GIVEN PROCESS	00002
PARTICIPANT ID	CELL PHONE NUMBER OF USER WHO UNDERGOES GIVEN PROCESS	09012345678
LOCATION INFORMATION	LATITUDE, LONGITUDE, AND ALTITUDE OF USER WHO UNDERGOES GIVEN PROCESS	N35:42:00 E139:42:00 H5m
NICKNAME	NICKNAME OF USER WHO UNDERGOES GIVEN PROCESS	
MESSAGE	MESSAGE OF USER WHO UNDERGOES GIVEN PROCESS	

# FIG. 12

330

PARTICIPANT ID	REMARK TIME	LOCATION INFORMATION	REMARK
A001	2000/3/25 13:08:03	N35:42:00 E139:42:00 H5m	CHOCOLATES ARE BEING HANDED OUT BEFORE MY EYES, YOU KNOW
A099	2000/3/25 13:08:44	N35:42:00 E139:42:10 H5m	OH, THERE. IT'S CLOSE BY I THINK I'LL GO AND SEE
A001	2000/3/25 13:10:53	N35:42:00 E139:42:01 H5m	IT SEEMS THAT THE CHOCOLATES ARE RUNNING OUT MAYBE, YOU'D BETTER HURRY UP
A009	2000/3/25 13:12:03	N35:42:00 E139:42:05 H5m	THANKS

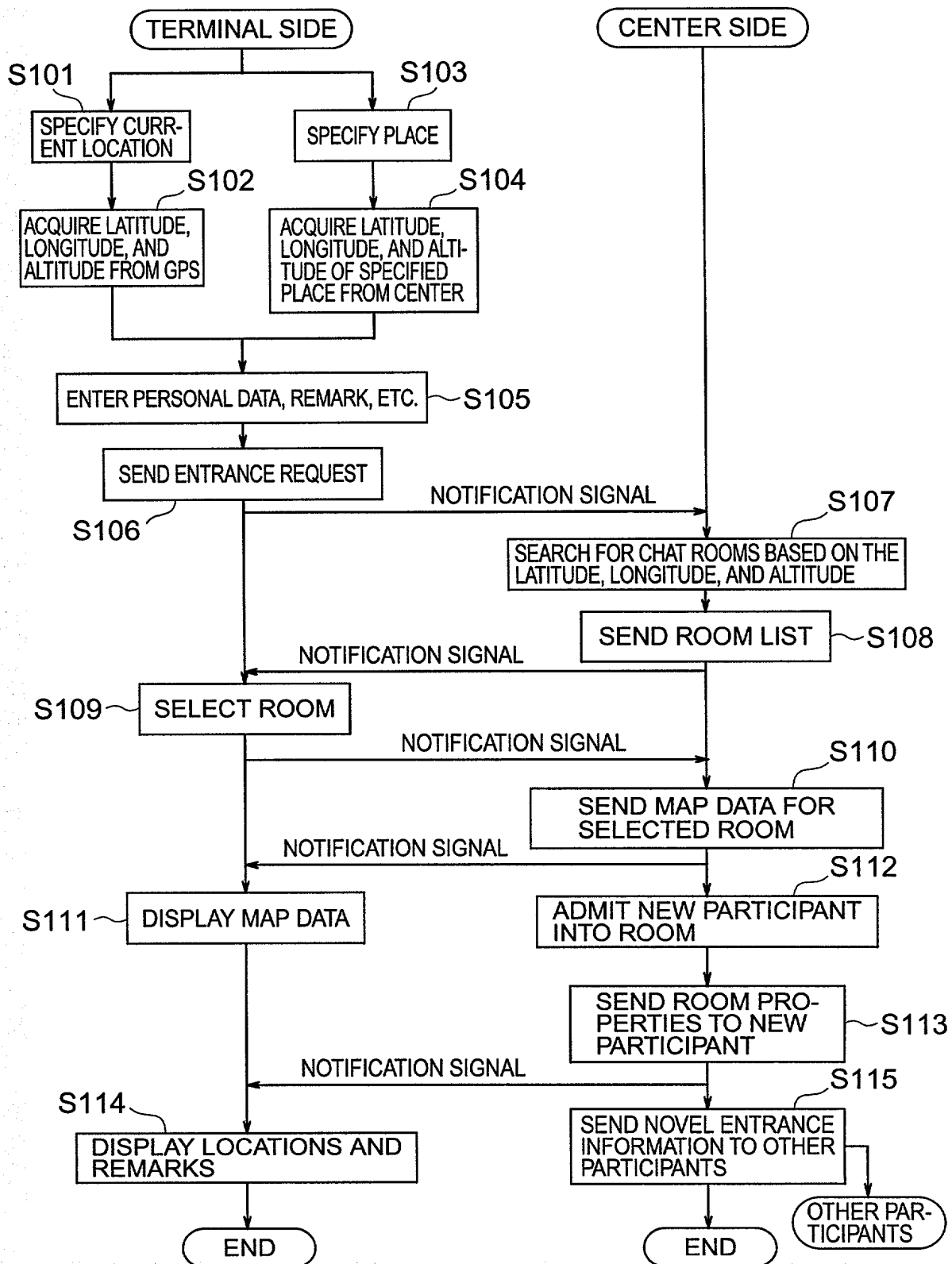
FIG. 13

OUT OF RANGE: 10 PERSONS	OUT OF AREA: 10 PERSONS	
YOU:○ LATEST SPEAKER:★ PARTICIPANT:●		
<div>YU &gt; CHOCOLATES ARE BEING HANDED OUT BEFORE MY EYES, YOU KNOW.</div> <div>TAKASHI &gt; OH, THERE. IT'S CLOSE BY. I THINK I'LL GO AND SEE.</div> <div>YU &gt; IT SEEMS THAT CHOCOLATES ARE RUNNING OUT. MAYBE, YOU'D BETTER HURRY UP.</div> <div>TAKASHI &gt; THANKS</div>		
SHINJUKU CHAT ROOM	UPDATE TIME 13:12:03	
<div><div>★</div><div>○</div><div>○</div><div>YOU:○ SEARCH RESULT:◎ YU (N35.42.00, E139.42.00 H5m) DISTANCE FROM YOU: 30M</div></div>		
SEARCH	REMARK	EXIT

47 LOCATION OF SEARCHED

48 INFORMATION ABOUT SEARCHED

# FIG. 14



# FIG. 15

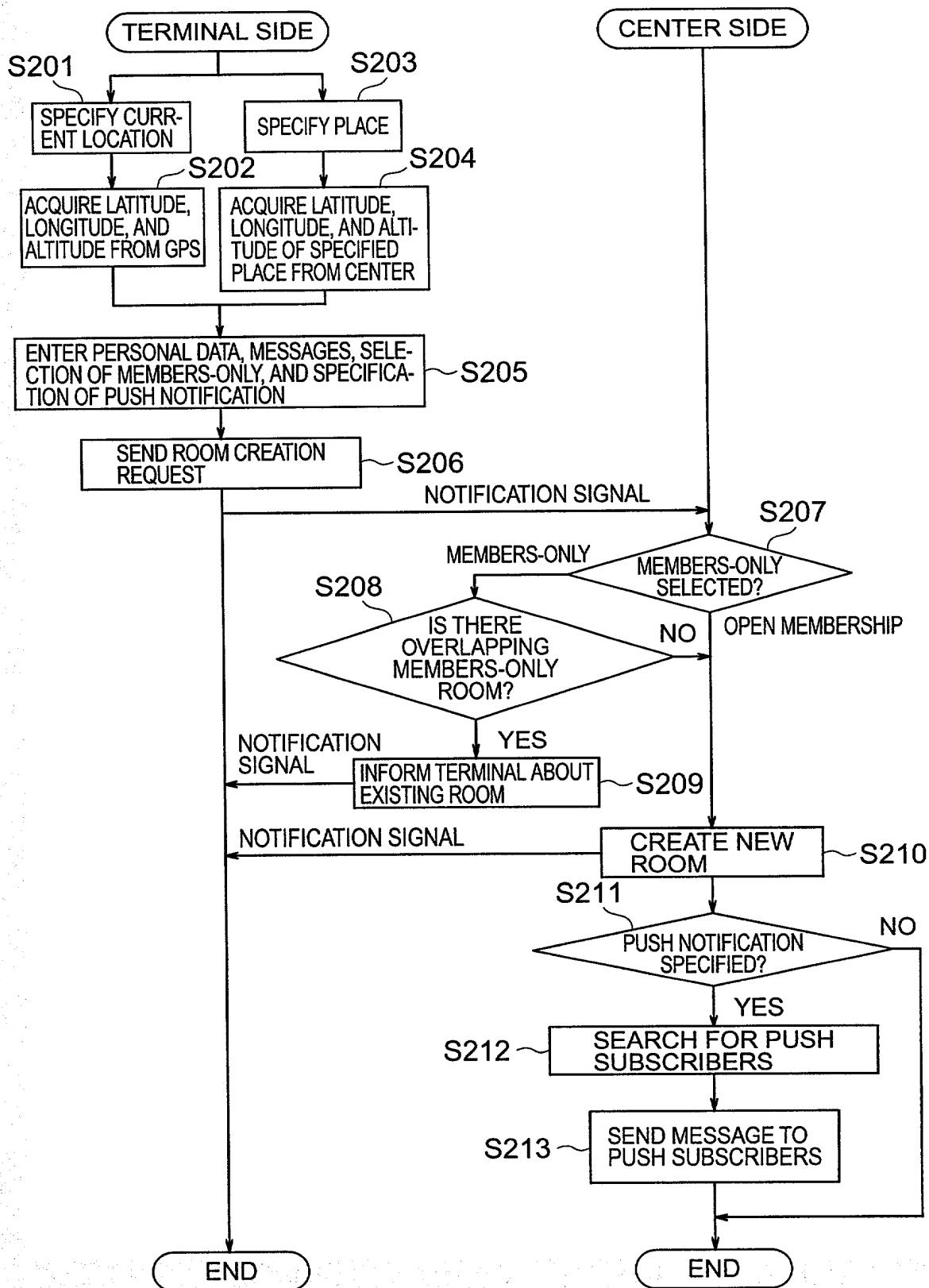
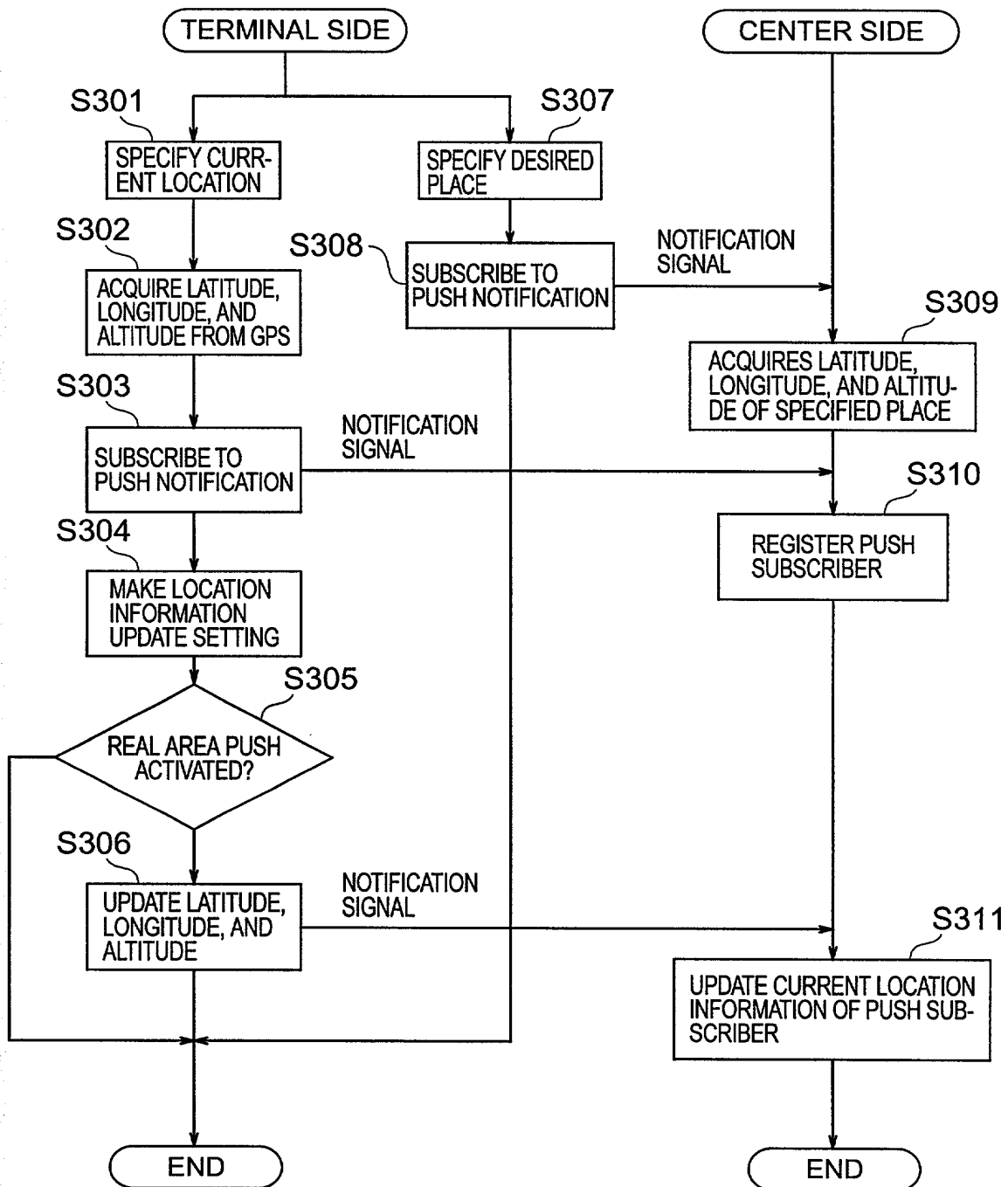


FIG. 16





# FIG. 17

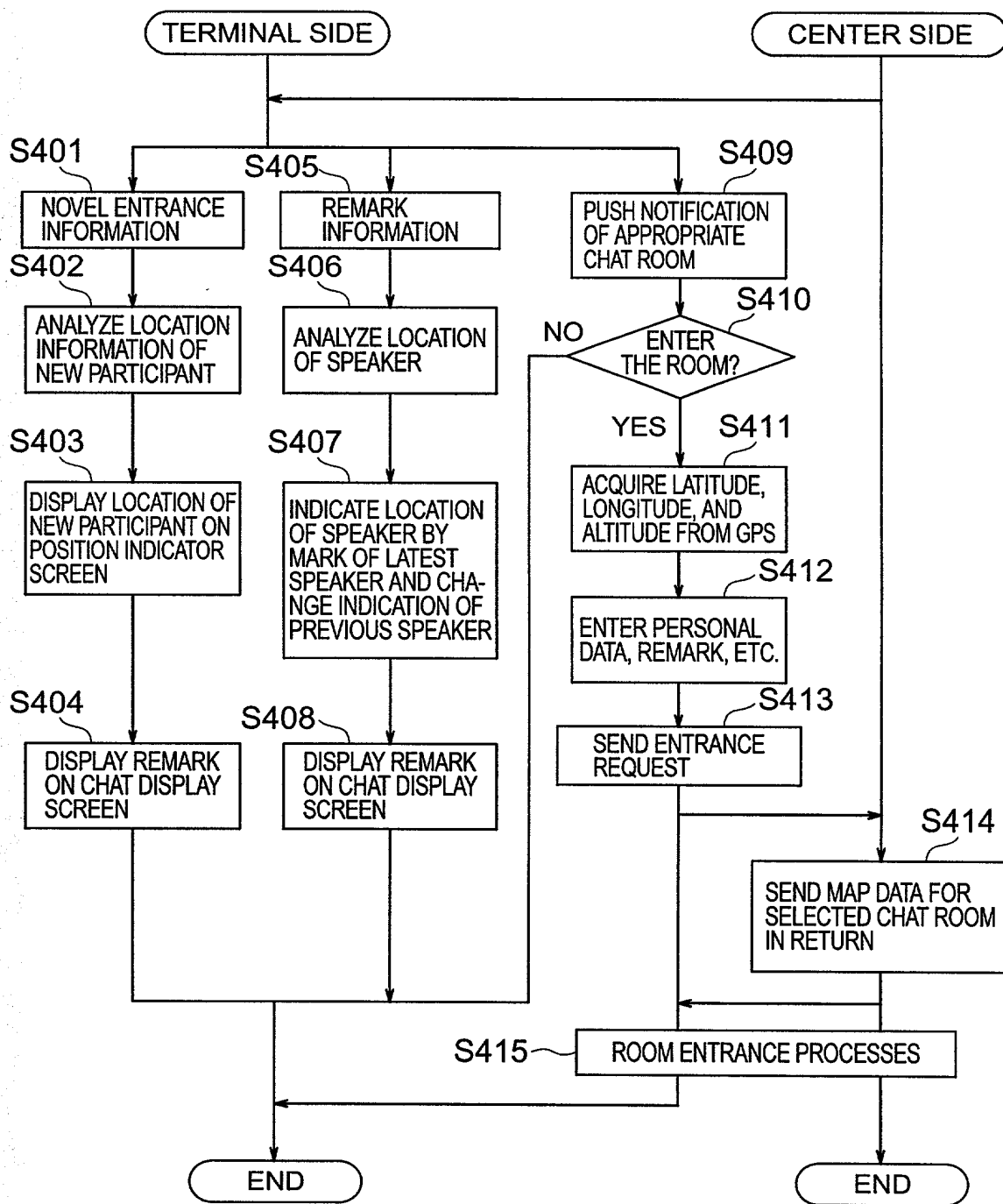
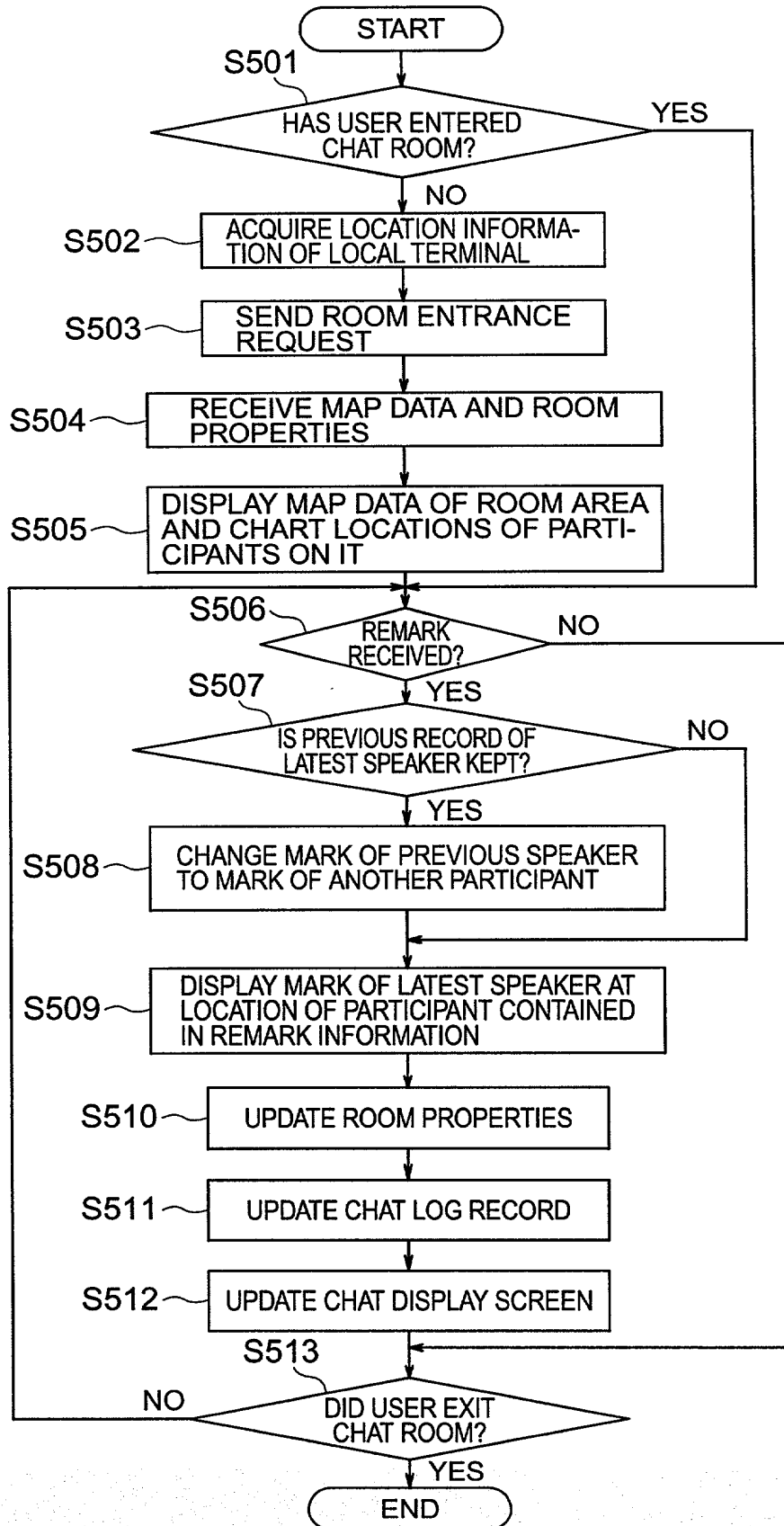


FIG. 18



# FIG. 19

